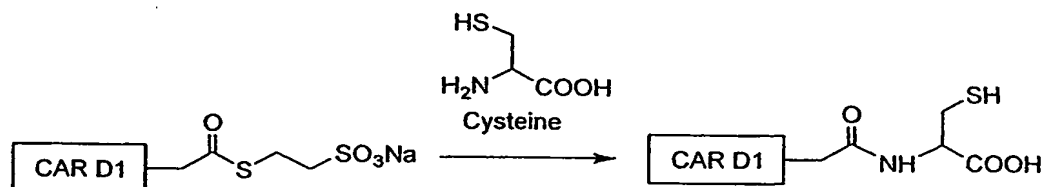


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FIG.
1 A.

MESNA thioester of CAR D1
(after elution from a chitin column)

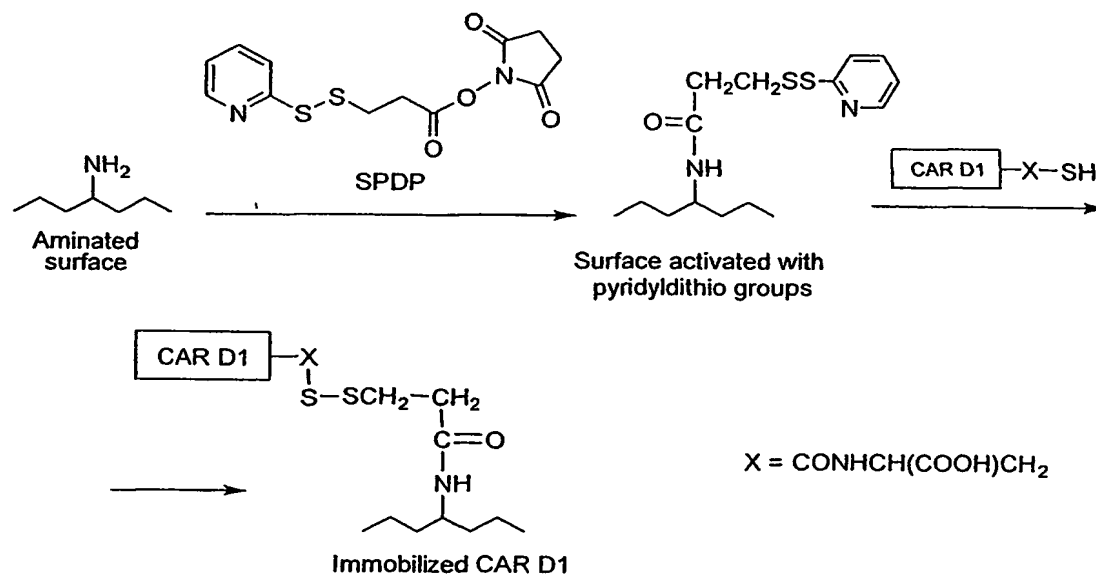
FIG.
1 B.

FIG. 2

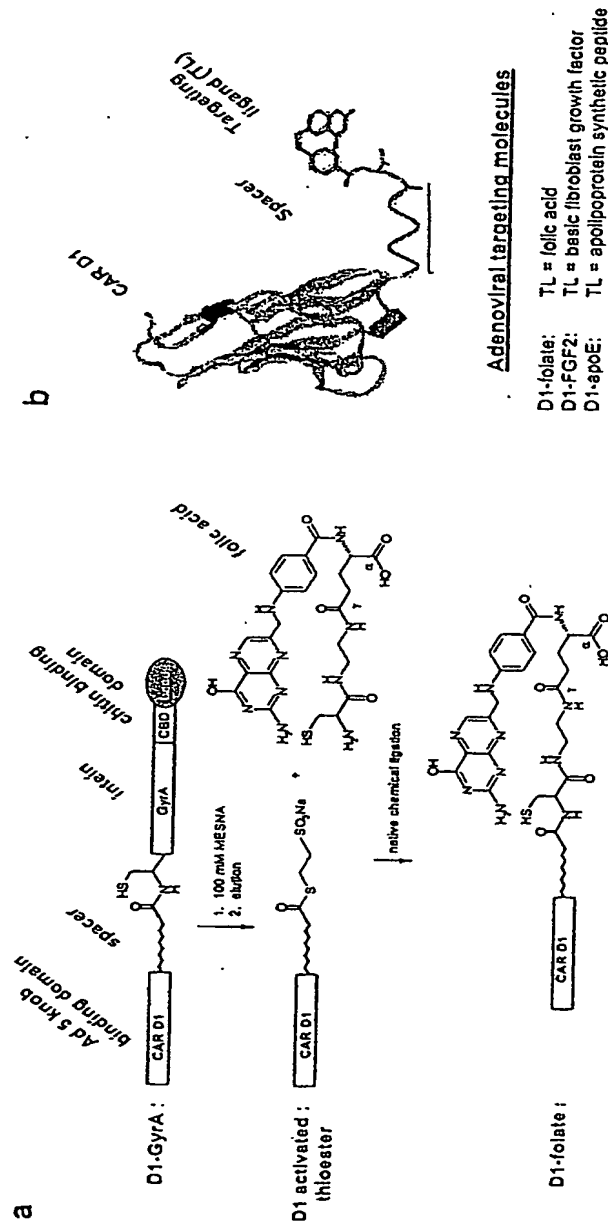


FIG.
3A

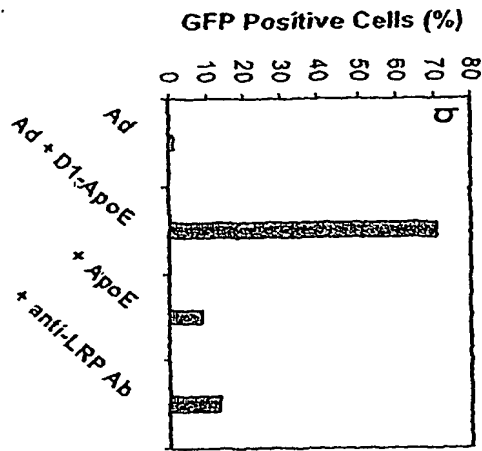


FIG.
3B

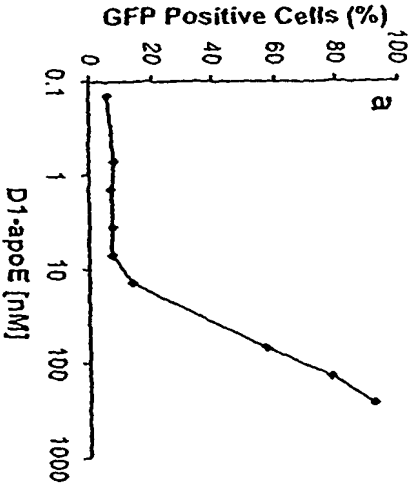


FIG.
4A

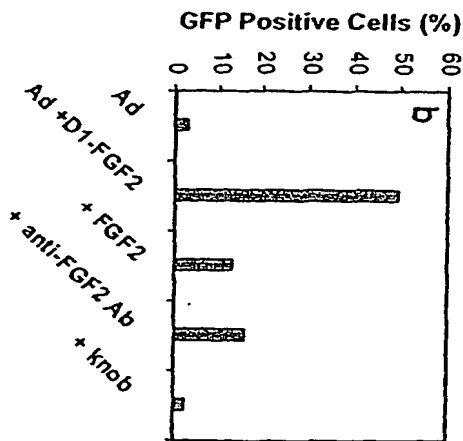
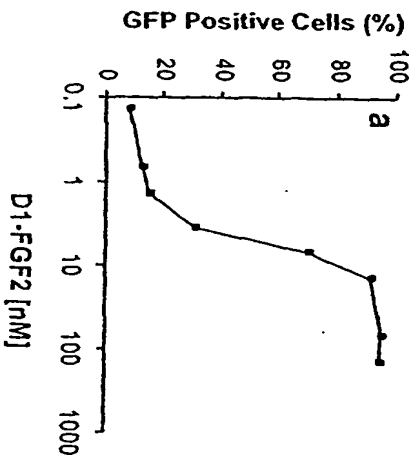
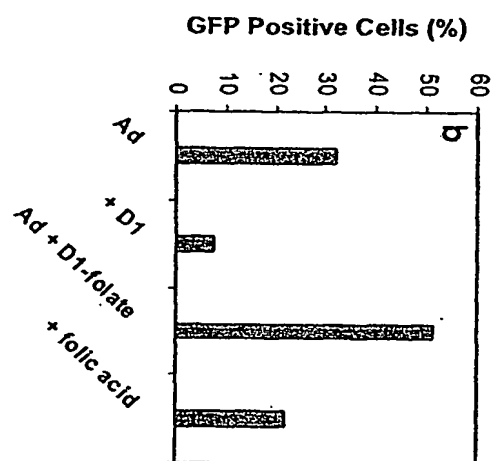
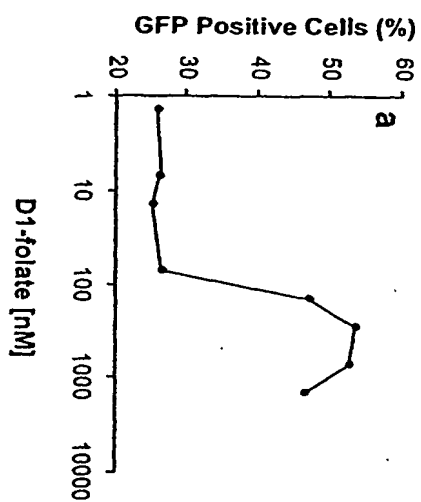


FIG.
4B



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FIG.
5AFIG.
5B

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FIG. 6

Ad targeting molecule	K_d Ad binding moiety [nM]*	K_d Ligand [nM]*	Knob concentration [nM] [†]	Conjugate concentration [nM]
FGF-Fab	0.31	0.01	0.024	0.24
D1-FGF2	20	0.01	0.024	14 ± 2
D1-folate	20	1.0	0.014	287 ± 24
D1-apoE	20	73.0	0.3	280 ± 50

*The dissociation constants K_d are as previously described for Fab,¹¹ FGFRs,³³ CAR D1,²³ FRs³⁶ and LDL/LRP.⁴⁹

[†]The effective concentration of the virus was calculated in terms of monomeric fiber knob.